



# ***Introduction to Joint Operations***



***Planning &  
Execution  
System  
(JOPES)***

# *Overview*

- Joint Operation Planning
- JOPES Purpose
- JOPES Volumes
- JOPES Automated Systems

# ***Military Planning***

```
graph TD; A[Military Planning] --> B[Force Planning]; A --> C[Joint Operation Planning];
```

## ***Force Planning***

- Service Responsibilities
  - Creates/Maintains Military Capabilities

## ***Joint Operation Planning***

- **Employment Planning**
- **Mobilization Planning**
- **Sustainment Planning**
- **Deployment Planning**
- **Redeployment Planning**
- Demobilization Planning

***Source JP 5-***

# ***Joint Operation Planning***

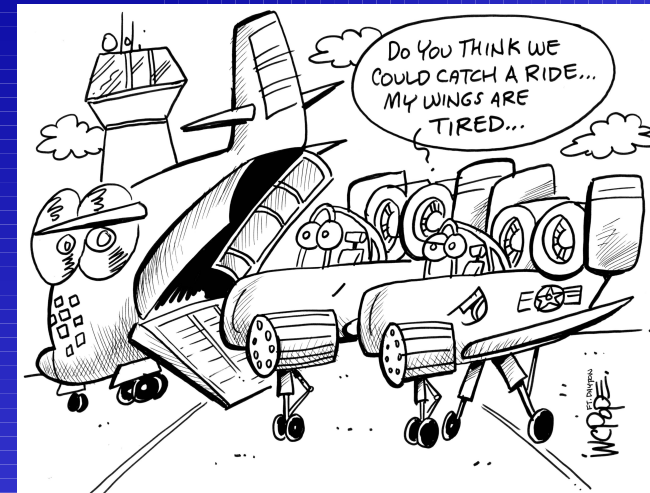
- Mobilization Planning
  - Reserve/Guard/Nation
- Deployment Planning
  - Time phase force movement
  - Including sustainment
- Employment Planning
  - Operational phases
  - Course of action
- Sustainment Planning
  - Food, water, fuel
  - Parts, equipment
  - people
- Redeployment Planning
  - Time phase force return
- Supported Commander
  - Oversees these issues
  - Tasks components
  - Coordinates planning/execution
  - Requires a systematic approach

How does the Supported Commander ensure all these areas are addressed? **JOPES!**



# JOPES Purpose

1. JOPES is the principal system within the DoD for translating policy decisions into operations plans and OPORDs in support of national security objectives
2. It identifies capability shortfalls
3. JOPES provides movement requirements to lift providers



# JOPES Volumes

CJCSM 3122.01  
14 July 2000  
CH 1 25 May 2001

## JOINT OPERATION PLANNING AND EXECUTION SYSTEM (JOPES) VOLUME I (PLANNING POLICIES AND PROCEDURES)

CJCSM 3122.03A  
31 December 1999

## JOINT OPERATION PLANNING AND EXECUTION SYSTEM VOLUME II PLANNING FORMATS AND GUIDANCE



JOINT STAFF  
WASHINGTON, D.C. 20318-0400

CJCSM 3122.02B  
25 May 2001

## JOINT OPERATION PLANNING AND EXECUTION SYSTEM (JOPES)

### VOLUME III

## (CRISIS ACTION TIME-PHASED FORCE AND DEPLOYMENT DATA DEVELOPMENT AND DEPLOYMENT EXECUTION)



**ACTUAL DOCUMENT  
CLASSIFIED**

## CHAIRMAN OF THE JOINT CHIEFS OF STAFF MANUAL

J-7  
DISTRIBUTION: A, B, C, J, and S

CJCSM 3122.04A  
19 May 2000

### JOINT OPERATION PLANNING AND EXECUTION SYSTEM VOLUME II SUPPLEMENTAL PLANNING FORMATS AND GUIDANCE

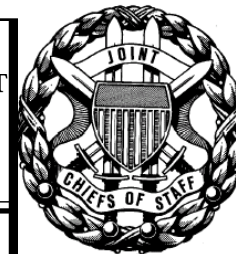
1. **Purpose.** This manual sets forth administrative instructions and formats to govern the development of joint operation plans submitted for review to the Chairman of the Joint Chiefs of Staff (hereafter referred to as "Chairman"). Unless otherwise indicated, the formats and procedures in this document are mandatory for the Joint Staff, all combatant commands, Services, and combat support agencies responsive to the Chairman of the Joint Chiefs of Staff.

2. **Cancellation.** CJCSM 3122.04A 1996 is canceled.

3. **Applicability.**

a. This manual applies to the commanders of combatant commands, subunified commands, defense combat support agencies, joint task forces, and their subordinate component commands. It may also be applied when significant forces of one Service are attached to forces of another Service or when significant forces of one Service support forces of another Service.

b. This manual will be followed except when, in the judgment of the



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 **Global Resources**

- Joint Publications
  - CJCS Directives
    - CJCSI
    - CJCSM**
    - CJCSN
  - Other Directives
  - Current CJCS
  - Canceled CJCS
- DDO Dictionary
- Compendium
- History Publications
- Research Publications
- Service Publications
- Other Publications
- Joint Force Quarterly
- A Common Perspective
- DoD Directives
- DOCNET

 **Quick Access**



## Doctrine

- [Joint Historical Collection - eLearning](#)
- [Standardized Comment Matrix](#)
- [Publication Status](#)
- [Joint Doctrine Information](#)
- [Joint Doctrine Reference Material](#)



## Education

- [JPME 2020](#)
- [PAJE](#)
- [RC Joint Education](#)
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## Training

- [Joint Training Policy](#)
- [Joint Training Manual](#)
- [Joint Training Master Plan](#)
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## .mil/.gov Links

- [DOCNET - eLearning](#)
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- [Joint Doctrine Working Party](#)
- [Multi-Service Publications](#)

 **News** **Updates**

JP 3-53 Approved  
05 September 2003

JP 3-09.3 Approved  
03 September 2003

32nd JDWP [scheduled](#)  
for 7-9 October 2003.

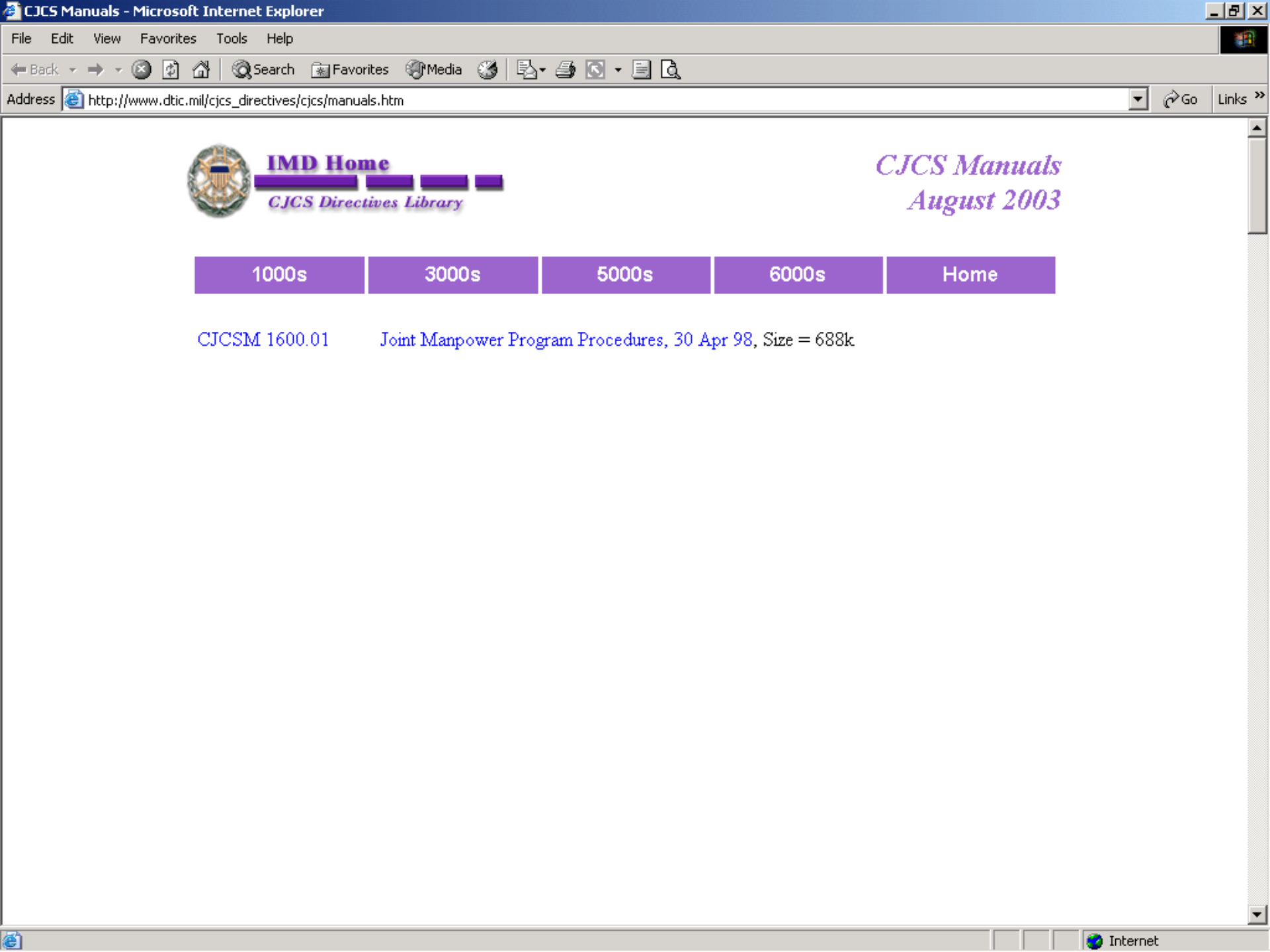
New [DOCNET](#) courses  
available: Logistics,  
OPART, UNAAF

[JDEIS](#) - Now On-Line

[Please read this privacy and security notice](#)

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Please send such information to the Joint Staff, J-7,  
Joint Doctrine Division Support Group, [info@jointdoctrine.com](mailto:info@jointdoctrine.com)



**IMD Home***CJCS Directives Library**CJCS Manuals*  
*August 2003*

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CJCSM 1600.01

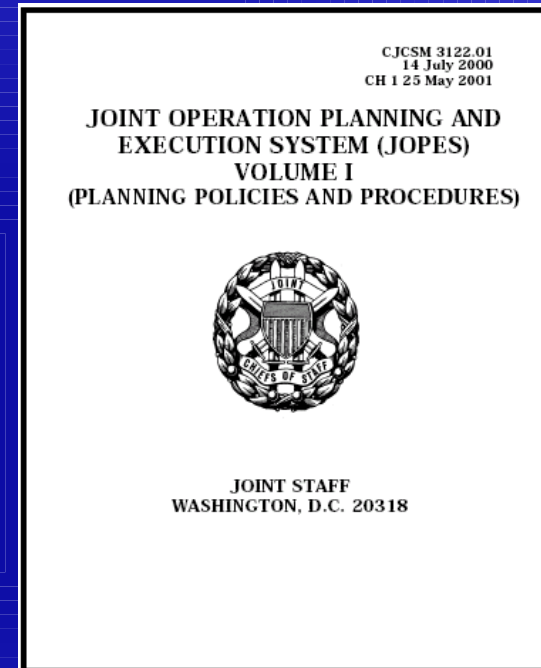
Joint Manpower Program Procedures, 30 Apr 98, Size = 688k

[1000s](#)[3000s](#)[5000s](#)[6000s](#)[Home](#)[CJCSM 3113.01A](#)[Theater Engagement Planning, 31 May 00, Size = 224k](#)[CJCSM 3115.01](#)[Joint Data Network \(JDN\) Operations, 1 Oct 00, Size = 255k, \*Limited\*](#)[CJCSM 3122.01](#)[Joint Operation Planning and Execution System \(JOPES\) Volume I \(Planning Policies and Procedures\), 14 July 00, CH-1 25 May 01, Size = 999k, \*Limited\*](#)[CJCSM 3122.02B](#)[Joint Operation Planning and Execution System \(JOPES\) Volume III \(Crisis Action Time-Phased Force and Deployment Data Development and Deployment Execution\), 25 May 01, Size = 426k, \*Limited\*](#)[CJCSM 3122.03A](#)[Joint Operation Planning and Execution System Volume II, Planning Formats and Guidance, 31 Dec 99, CH-1 6 Sep 00, Size = 1.5M, \*Limited\*](#)[CJCSM 3141.01A](#)[Procedures for the Review of Operation Plans, 15 Sep 98, Size = 377k](#)[CJCSM 3150.01A](#)[Joint Reporting Structure General Instructions, 20 Dec 02, Size = 209k](#)[CJCSM 3150.02](#)[Global Status of Resources and Training System \(GSORTS\), 15 Apr 00, Size = 1M](#)[CJCSM 3150.03A](#)[Joint Reporting Structure Event and Incident Reports, 1 Nov 00, Size = 159k, \*Limited\*](#)[CJCSM 3150.05A](#)[Joint Reporting Structure \(JRS\) Situation Monitoring Manual, 1 May 01, Size = 126k](#)[CJCSM 3150.07A](#)[Joint Reporting Structure Communications Status, 19 Apr 01, Size = 60k](#)[CJCSM 3150.13](#)[Joint Reporting Structure -- Personnel Manual, 1 Aug 99, Size = 164k](#)[CJCSM 3150.14A](#)[Joint Reporting Structure Logistics, 30 Apr 00, Size = 196k](#)[CJCSM 3150.15B](#)[Standard Specified Geographic Location File Request, 1 Oct 02, Size = 38M,](#)

# ***JOPES Volume I***

## ***UNDER REVISION!***

- Planning Policies and Procedures
  - Establishes the JOPES processes and relationships
  - Defines Deliberate and Crisis Action Planning phases
  - Contains Crisis Action Planning Checklist
  - Provides JOPES Message formats
    - OPREP 3, Commanders Estimate
    - Warning, Alert, Execute, Deployment (Preparation) Order



### 3. Applicability

a. Doctrine and selected joint tactics, techniques, procedures, and guidance established in this publication apply to the Joint Staff, Defense combat support agencies, commanders of combatant commands, Services, subunified commands, joint task forces, and subordinate components of these commands. These principles and guidance also may apply when significant forces of one nation or Service are attached to forces of another nation or Service or when significant forces of one nation or Service support forces of another nation or Service.

b. This manual will be followed except when, in the judgment of the commander, exceptional circumstances dictate otherwise. If a conflict arises between the contents of this manual and the contents of Service publications, this manual will take precedence for the activities of joint forces unless the Chairman of the Joint Chiefs of Staff (hereafter referred to as Chairman) has provided more current and specific guidance to the contrary.

c. Commanders of forces operating as part of a multinational (alliance or coalition) military command should follow multinational procedures ratified by the United States. For procedures not ratified by the United States, commanders should follow the multinational command's procedures where applicable.

### 4. Responsibilities

a. A Joint Staff directorate proposal to the Chairman that would change source documentation information reflected in this publication will include, as an enclosure to their proposal, all proposed changes which would need to be made to this publication.

b. Military Services and other organizations will notify the Director, J-3, Joint Staff, when changes to source documents reflected in this publication are initiated.

c. Recommendations for changes to this publication should be submitted to

CJCSM 3122.01  
14 July 2000  
CH 1 25 May 2001

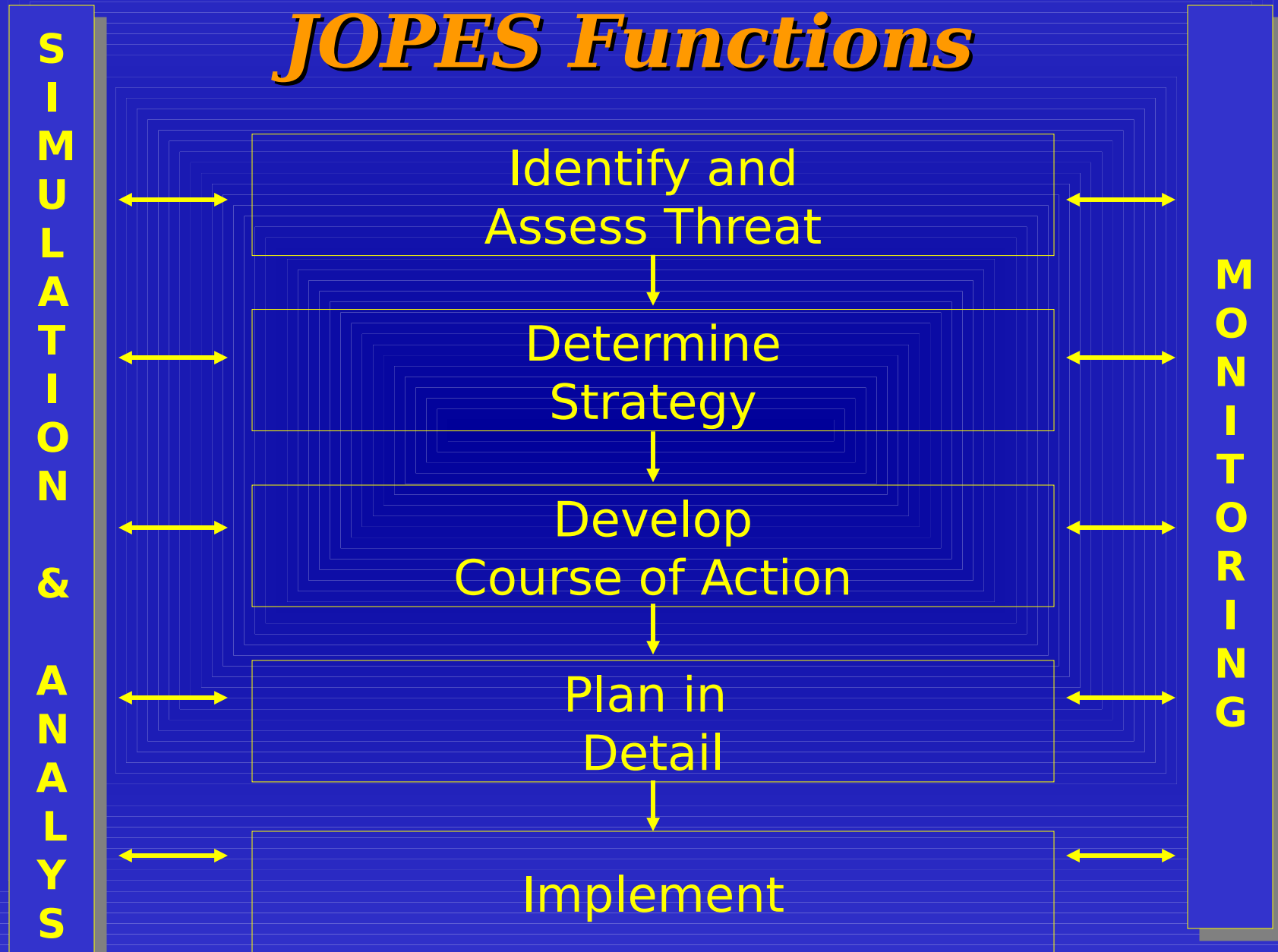
**JOINT OPERATION PLANNING AND  
EXECUTION SYSTEM (JOPES)  
VOLUME I  
(PLANNING POLICIES AND PROCEDURES)**



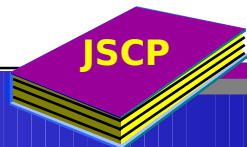
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b. This manual will be followed except when in the opinion of the commander [JFC], exceptional circumstances dictate otherwise

# *Current JOPES Functions*







# ***Deliberate Planning***

## **Phase I Initiation**

- Tasks assigned
- Apportions
  - Major forces
  - Strategic lift

## **Phase II Concept Development**

Combatant Commander's  
Strategic Concept

### **IIA Concept Review**

CJCS Review And Approval

## **Phase III Plan**

### **Development**

A Complete Plan

## **Phase IV Plan Review**

An Approved Plan

## **Phase V Supporting Plans**

# *Types of Plans*

- Operations Plans (OPLAN)
  - Complete and detailed plan
  - Quick conversion into Operation Order (OPORD)
  - Developed
    - Critical to national security
    - Contributes to deterrence
    - Supports alliance or combined planning



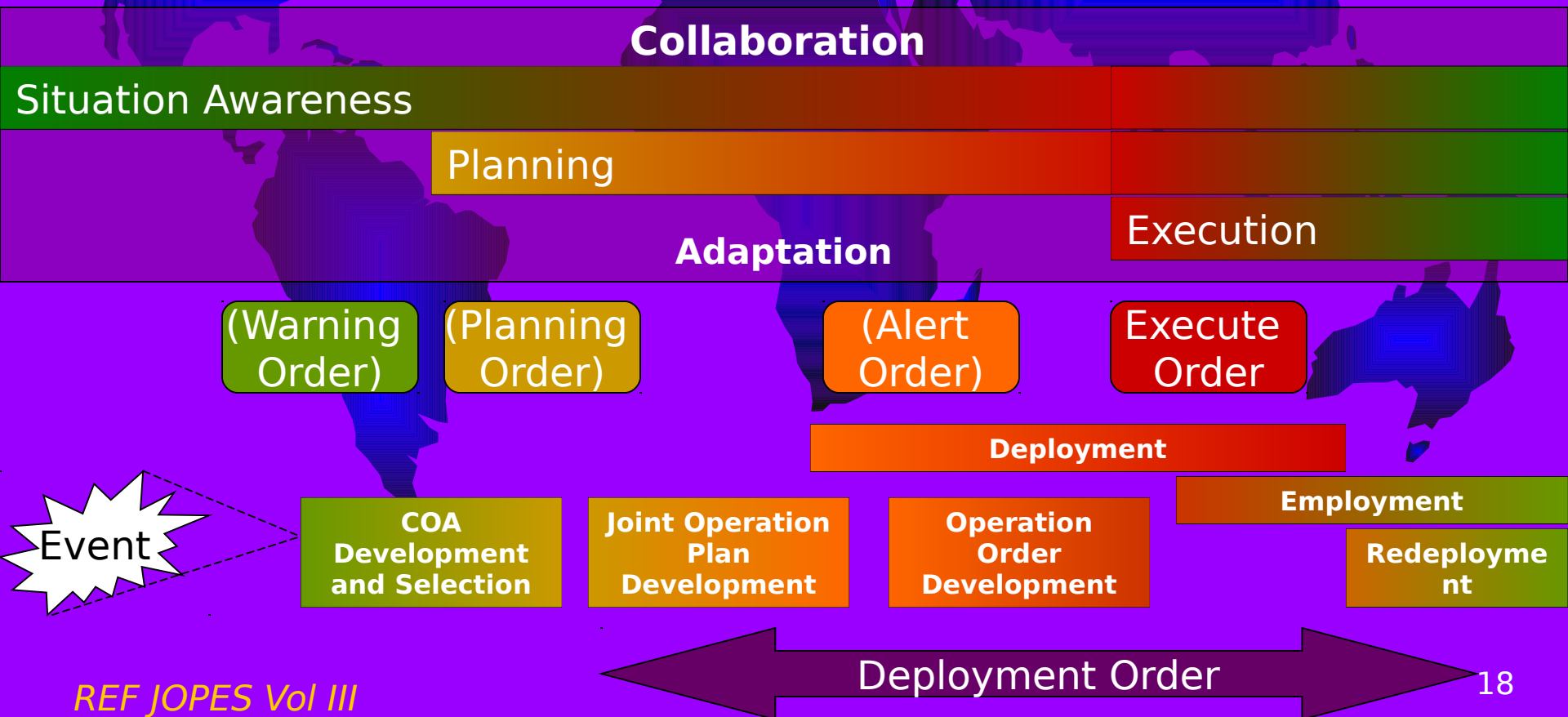
# *Types of Plans*

- Operations Plans (OPLAN)
- Concept Plans (CONPLAN)
  - Abbreviated OPLAN
  - Requires significant updating
  - May have a time phased force deployment data (TPFDD)

# *Types of Plans*

- Operations Plans (OPLAN)
- Concept Plans (CONPLAN)
- Functional Plans (FUNCPLAN)
  - Military operations
    - Peacetime
    - Non-hostile environments
  - Require extensive revision to become OPORD
  - Examples
    - Disaster relief
    - National assistance
    - Humanitarian assistance

# ***Crisis Action Planning***





# ***Enclosure G***

## ***CAP Checklists***

- Appendix A - Situation Development
- Appendix B - Crisis Assessment
- Appendix C - COA Development
- Appendix D - Course Of Action Selection
- Appendix E - Execution Planning
- Appendix F - Execution
- Appendix G - Management of Civil Airlift  
Augmentation Resources During Crises

***Under revision!***

# 72 Hour TPFDD

CJCSM 3122.01 CH-1  
25 May 2001

also scheduled  
supporting  
elements.

(4) Activities of the Services. During Phase V, the Services determine mobilization requirements and take action to request the authority to mobilize. The Services also provide nonunit sustainment and recommend the necessary actions to improve manpower and industrial readiness. The Services work with the supported commander's components in establishing or updating sustainment requirements, taking into account the resources available from host nation, allied, and coalition countries. The Service subordinate commands that provide augmentation forces as supporting commands also schedule organic (self-deploying) movements in JOPEs database.

(5) Activities of the Services. During Phase V, the Services determine mobilization requirements and take action to request the authority to mobilize. The Services also provide nonunit sustainment and recommend the necessary actions to improve manpower and industrial readiness. The Services work with the supported commander's components in establishing or updating sustainment requirements, taking into account the resources available from host nation, allied, and coalition countries. The Service subordinate commands that provide augmentation forces as supporting commands also schedule organic (self-deploying) movements in JOPEs database.

(6) TPFDD Time Standard. The objective time standard will be 72 hours from notification and receipt by the supported commander to validation of the TPFDD -- in level 4 detail -- for the first 7 days of the deployment flow. (Note: Based on supported commander guidance, assets deploying from origin to destination on unit organic transportation may not require level 4 detail). The notification from which performance in meeting the time standard can be tracked will be a duly authorized CJCS order (alert, deployment, etc.) after the National Command Authorities (NCA) approve a COA. The specific type of order will be situational dependent. Regardless of the type of order, the coordination instructions within the order will:

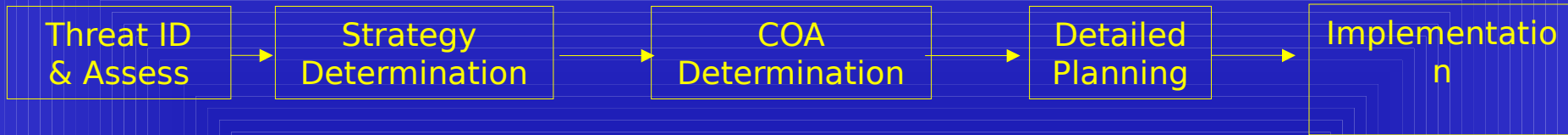
(a) Designate the start of the 72-hour period to develop a level 4

TPFDD and  
provided a  
and receipt  
72-hour p

(6) TPFDD Time Standard. The objective time standard will be 72 hours from notification and receipt by the supported commander to validation of the TPFDD -- in level 4 detail -- for the first 7 days of the deployment flow.

after the National Command Authorities (NCA) approve a COA.

# JOPES Functions in Planning



**Deliberate**

**g**

CJCSM 3122.01  
14 July 2000  
CR 1.25 May 2001  
JOINT OPERATION PLANNING AND  
EXECUTION SYSTEM (JOPES)  
VOLUME I  
(PLANNING POLICIES AND PROCEDURES)



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JSCP

Approved for  
further  
planning

Plan  
Development  
Phase III

Concept  
Development  
Phase II

Plan Review  
Phase IV

Initiation  
Phase I

Supporting  
Plans Phase V

Situation Awareness

Planning

(Warning  
Order)

(Planning  
Order)

(Alert  
Order)

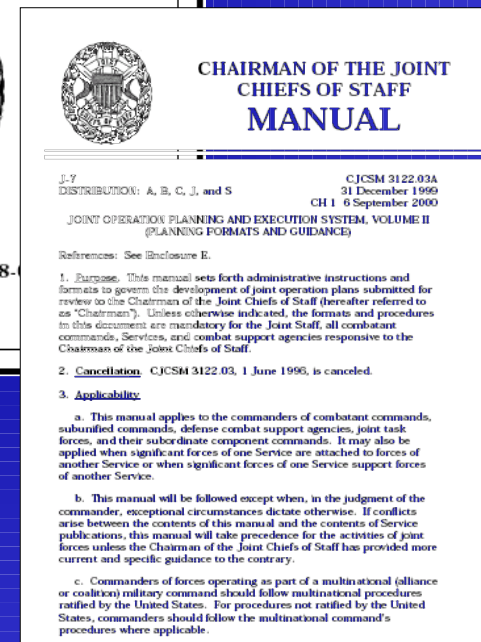
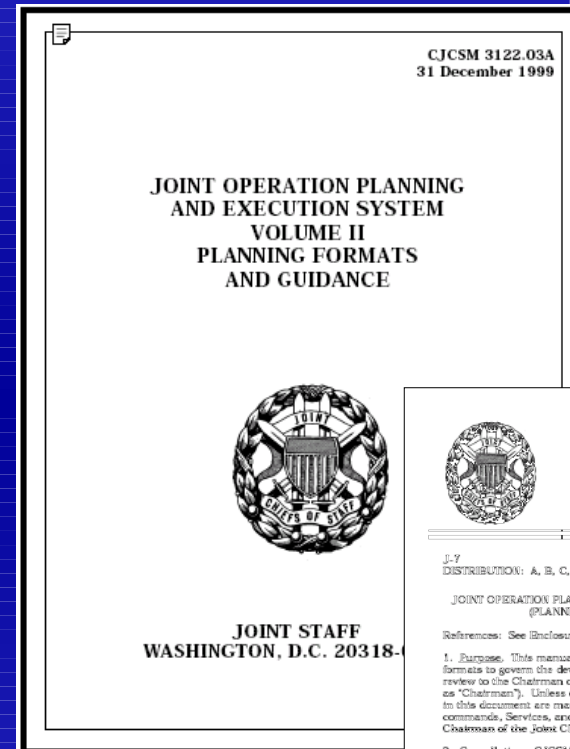
Execution

**Crisis Action  
Planning**

**Execute  
Order**

# JOPES Volume II

- JOPES Volume II Formats
  - What is an OPLAN, Specifies
    - Format
    - Content
  - Plan Identification numbering system
  - Plan annex requirements
    - Check CJCSM 3122.04A



# ***Answer the Mail***

CJCSM 3122.03A

a. ( ) General. Describe the general politico-military environment that would establish the probable preconditions for execution of the plan. When submitting a CINC's Strategic Concept include, as an opening statement in this subparagraph, a reference to the tasking from the JSCP or other tasking document. Summarize the competing political goals that could cause the conflict. Identify primary antagonists. State US policy goals and the estimated goals of other parties. Outline political decisions needed from other countries to achieve US policy goals and conduct effective US military operations to attain US military missions.

b. ( ) Area of Concern

(1) ( ) Area of Responsibility. Describe the commander's area of responsibility. A map may also be included as an attachment.



# ***Plan Numbering***

## **PLAN IDENTIFICATION NUMBER BLOCK AGENCY**

## **RESPONSIBLE COMMAND OR**

0001 through 0999

CJCS

1000 through 1999

USCINCCENT

2000 through 2999

USCINCJF

3000 through 3399

CINCNORAD

3400 through 3999

USCINCSpace

4000 through 4999

USCINCEUR

5000 through 5999

USCINCPAC

6000 through 6999

USCINCSO

7000 through 7499

COMFORSCOM

7500 through 7999

USCINCSOC

8000 through 8999

USCINCSTRAT

9000 through 9599

USCINCTRANS

9600 through 9699

Reserved

9700 through 9799

COMDT COGARD

# *ENCLOSURE C - Format and Content of OPLANS **Operation Plan Annexes***

**A Task Organization**

**B Intelligence**

**C Operations**

**D Logistics**

**E Personnel**

**F Public Affairs**

**G Civil Affairs**

**H Meteorological &  
Oceanographic Services**

**J Command Relationships**

**K Command, Control,  
Communications and  
Computer Systems**

**L Environmental  
Considerations**

**M Geospatial Information  
Services**

**N Space Operations**

**P Host-Nation Support**

**Q Medical Services**

**R Reports**

**S Special Technical  
Operations**

**T Consequence  
Management**

**U Notional CP Decision  
Guide**

**V Interagency Coordination**

# ***ENCLOSURE D- Format and Content of CONPLANS & Functional Plans CONPLAN/FUNCTIONAL Plan Annexes***

**A Task Organization**

**B Intelligence**

**C Operations**

**D Logistics**

Other annexes as directed by the Commander

**J Command Relationships**

**K Command, Control,  
Communications and**

**V Interagency Coordination**

**Z Distribution**



# ***JOPES Volume III***

## Crisis Action TPFDD & Deployment Execution

Outlines joint TPFDD development

CJCSM 3122.02B  
25 May 2001

### JOINT OPERATION PLANNING AND EXECUTION SYSTEM (JOPES)

#### VOLUME III

(CRISIS ACTION TIME-PHASED FORCE  
AND DEPLOYMENT DATA DEVELOPMENT  
AND DEPLOYMENT EXECUTION)



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# ***JOPES Volume III***

- Establishes
  - Newsgroups
    - Each plan identifier (PID)
    - Means to coordinate TPFDD actions
    - All JOPES orders
    - Formats
- Supported Combatant Commander Tasks
  - Develop TPFDD Letter of Instruction (LOI)



# Break!!!!!!!!!!!!!!!!!!!!

*Ignorance of your profession is best concealed by solemnity and silence, which pass for profound knowledge upon the generality of mankind.*

*- Advice to Officers of the British Army, 1783*



# CONFORMITY

WHEN PEOPLE ARE FREE TO DO AS THEY PLEASE,  
THEY USUALLY IMITATE EACH OTHER.

# ***GCCS Purpose***

- Provide a single integrated Command and Control System on which most JOPES ADP resides
- Common Operating Environment
  - Provides communication connectivity for JPEC
- Characteristics
  - Client Server Environment
  - Wide Area Network Capability
  - Operates At SECRET Level
  - Window Pull Down Menu Capability



# ***Standard Reference Files***

JOPES ADP Data Base that contains general information that applies to most operation plans.

# ***Standard Reference Files***

FILE	TITLE	CONTENTS
GEOFILE	Standard Geographic Locations	Worldwide locations listed by country and state, installation type, geographic coordinates, etc.
GSORTS	Global Status of Resources and Training System	Unit readiness and location data
TUCHA	Type Unit Characteristics	Movement characteristics for standard deployable units. Force descriptions for non-deployable unit types (level 4 for entire UTCs)
TUDET	Type Unit Equipment Detail	Descriptions and dimensions of specific pieces of wheeled and tracked equipment, hazardous cargo, non self-deploying aircraft, floating craft, and items measuring more than 35 feet

# ***JOPES ADP***

**JET**

**Develops  
the  
TPFDD**

**RQT  
Rapid  
Query Tool,  
Provides  
TPFDL**

**T  
P  
F  
D  
D**

**JFAST**

**Transportation  
simulator,  
estimates  
plan  
movement  
within the  
capability of  
the network**



# ***JOPES ADP***

**JET**

**Develops the TPFDD**

**Edits unit line  
numbers**

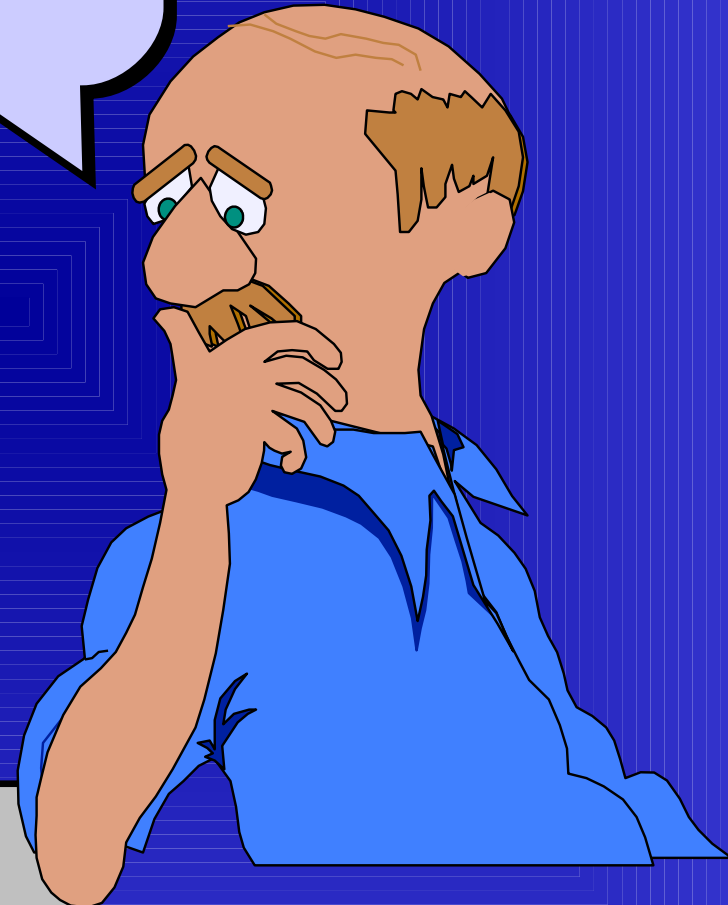
**Updates increment  
data**

**SO HOW DO  
I BUILD  
A TPFDD?**

**T  
P  
F  
D  
D**



**GCCS PLATFORM**



File Edit Utilities

Help

OPLAN: 4620D ULN: A13DQ Created: 051200Z Mar 00 Updated: 141200Z Mar 00 Err:

## Unit Information

SRC: WMP3

GCC:

Force Desc: TAE 02 C130E AWADS DEP

Baseline:

Unit Name: 0037 AS

Nonbaseline: MSGT BILICHECK, 480-7793

UIC: FFLZB0 ... Component: Active

POC:

PIC: ... ProvOrg: C ... UTC: 3NCCC ... Proj Code: ... CEI: ... SSF: ... Flag Date:

FIC: 0 ... Service: F ... ULC: ELE ... Service Rsv: ODR TUCHA lcd: ... PIF: ...

## Routing Information

Dschr Cstr

Priority

Delay

CDays

GEO GEO Name Mode Src Cnfg 1st 2nd ID AddOn Days Code

Origin TYFR RAMSTEIN AB

POE TYFR RAMSTEIN AB

POD CBFS BOTSWANA

Dest CBFS BOTSWANA

ILOC

Lookup

...

RLD: C000

ALD: C001

EAD: C002

LAD: C007

RDD: C007

CRD:

Options

No ILOC

Personnel

Cargo

Bulk

Oversize

Outsize

NAT

Totals

CCCs: 0

PAX: 0

STONs:

0

POL: 0

Auth: 22

MTONs:

0

SQFT: 0

Apply

Requery ULN

Add To FM

Make Standard

Close

Origin location name = RAMSTEIN AB, GERMANY

Installation = MAP



# Coming Soon JOPES 2000

JET: Un... B2

File Edit Utilities Help

OPLAN: 2503D ULN: PBFB2 Split: Y Frag: N PIC: N Cre: 311200Z Dec 96 Upd: 010820Z Feb 01 Err: U

Unit Name: 0004 TRANSPRTATN SQ UIC: FFH760 Component: Proj Code:

Force Desc: TRK TRCTR 10T 6X4 (1) ULC: ELE ProvOrg: E Service Rsv:

POC: GCC: Service: F CEI: A

Nonbaseline: SRC: Army COMPO: TUCHA lcd: N

Routing Information

CDays CINC Candidate:

RLD: N002 SPG Comp Ver:

ALD: C000 SPG CINC Ver: 05Jan01

EAD: C009 SPD Comp Ver:

LAD: C014 CINC Validation:

RDD: C015 TRS: B

CRD: OTH:

RPD: PIF:

Load Dsch On Priority

GEO GEO Name Mode Src Mns Cfgn Cstr Call ID AddOn

Origin VKAG SEYMOUR JOHNSON A

POE SBEA NORFOLK L G

POD VKNP SAFAQIS S E A N N 10

Dest FUQN THYNA-EL MAOU L D A N N Not Inplace

Options

ILOCs

SIC: N UTC: UF299 CCCs: 1 Level 2 Edit: UNKNOWN POL: 0 PAX: 0 Pers: 0

	Bulk	Oversize	Outsize	NAT	MMC	Vehicle	NSDAB	Container	NonCntzn	Other	Totals
STONS:	0	9.4	0	0	0			0			9.4
MTONS:	0	45	0	0	0	45	0	0	45	0	45
SQFT:						312	0	0		0	312

Apply Requery ULN Add To FM Make Standard Edit L3 Edit L4 Close

# ***RAPID QUERY TOOL***

**JET**

Develops  
the  
**TPFDD**

**RQT**  
Rapid  
Query Tool,  
Provides  
**TPFDL**

**T  
P  
F  
D  
D**

**JFAST**

Transportation  
simulator,  
estimates  
plan  
movement  
within the  
capability of  
the network



**GCCS PLATFORM**

Retrieve OPLAN

Options

Focus

Help

Exit

OPLAN	T I T L E	Type	Classification	C-Day	Status
527TC	TURBO CHALLENGE	E	SECRET		Avail
9008S	SPECIAL OPS - TUNISIAN	E	UNCLASSIFIED		Avail
9008T	DEFENSE OF TUNISIA (FY 98)	E	UNCLASSIFIED	01-OCT-1997	Locked
9009T	TUNISIA (FY99)	E	UNCLASSIFIED	01-OCT-1998	Locked
900JS	BROTHERS ADVENTURE	E	UNCLASSIFIED		Avail
900ME	RDA SPECIALITY	E	UNCLASSIFIED		Avail
900SH	SANDY	E	UNCLASSIFIED		Avail
900TM	MILLER'S TEST PLAN	E	UNCLASSIFIED	20-JUL-1997	Avail
9012A	CRIS WANTS A VACATION IN TUNISIA	E	UNCLASSIFIED		Avail
9015A	JANES PRACTICE	E	UNCLASSIFIED	15-FEB-1999	Avail
9017W	WHITE'S PLAN (N)	E	UNCLASSIFIED	01-JAN-1999	Avail
9018A	BOB J	E	UNCLASSIFIED		Avail
9018X	TUNISIA (FY99)	E	UNCLASSIFIED		Avail
9021B	MIKE MERCHANT DEFENSE OF THE WORLD	E	UNCLASSIFIED		Avail
9026Y	LESSON 3	E	UNCLASSIFIED	03-FEB-1997	Avail
9027A	RAYS LOGSAFE PLAN	E	UNCLASSIFIED		Avail
9027W	MIKE'S LOGSAFE PLAN	E	UNCLASSIFIED		Avail
9027Z	TUNISIA (FY99)	E	UNCLASSIFIED		Avail
9028A	TUNISIAN GOLD	E	UNCLASSIFIED	04-FEB-1998	Avail
9028B	TUNISIAN OIL	E	UNCLASSIFIED		Avail
9032A	KENZ ROAD RUNNING PLAN	E	UNCLASSIFIED		Avail
9033T	TUNISIA	E	UNCLASSIFIED		Avail
9034Q	TEST MIKE	E	UNCLASSIFIED		Avail
9037C	JET OFF 2 2NESIA	E	UNCLASSIFIED		Avail
9037S	STUDENT PLAN FOR TUNISIA	E	UNCLASSIFIED		Avail
9038J	JET DEMONSTRATION	E	UNCLASSIFIED		Avail
9039A	ROBERTA'S JET CLASS TPFDD	E	UNCLASSIFIED		Avail
9070T	TUNISIA (FY99)	E	UNCLASSIFIED		Avail
9080T	DEFENSE OF TUNISIA (TSOC)	E	UNCLASSIFIED		Locked

Select a Single OPLAN and Click on the Retrieve OPLAN Button.  
Click on Options to Load a QRF or to Merge Two or More OPLANS

ULN, CIN, and PIN Requirements

Run queries against multiple OPLANs at the same time  
RQT can retrieve status of forces/readiness information  
RQT can retrieve scheduling and movement information  
to include carrier itinerary, allocation and manifest  
information

Display Items

REQID  
UIC  
UNIT\_NAME  
POD\_NAME  
POD\_GEO  
EAD  
PAX  
TOTAL\_STONS  
TOTAL\_MTONS  
DEST\_MS  
DEST\_NAME  
DEST\_GEO  
OPLAN

Sort Items

SORT THE  
PRODUCT  
  
ANY WAY YOU  
WANT

Minimize

Refresh

Clear

Close

Click on a Display Item to add it to your Sort list. Click on a Sort Item to remove it from your list. Click Clear to remove all items. Click Refresh to repopulate Sort Items with those present when you focused on this window. Right Mouse Click, Hold, and Drag a Sort Item up or down the list. Click Ascending/Decsending to indicate your desired sort. Text on this button describes the actual Sort that will be applied.

Define

Generate

Print

Options

Close

## Force List/Movement Requirements Working Paper

REQID	CEI	DESCRIPTION	SERV		ULC	FIC	PIC	SVC	PR	ORG	AUTH	TOTAL		EAD	LAD	POD		UNIT NAME	U
			RESVD	UTC								STONS	POD NAME			MS	PCD		
A13AM		TSS MISC		3AZ99	ELE	8		F			0	.0							
A16HV		AVS AEW COMCAM CRISIS RESPONSE		6KPCR	SQ	8		F	G		2	.0					S		
A19AH		HQS WING STAFF (LEAD)		9AAGB	HQ	8		F			1	2.6							
A19BA		JTF AFRICAN OPERATIONS		9AZ99	HQ	8		F	X		10	.0							
A1UAM		AP0 UNIT MOV SUPV MOG-SHIFT 1-1		UFBJA	ELE	1		F			1	.0	HOEDSPRUIT AFS			AM			
A1UAQ		AP0 UNIT MOV SUPV MOG-SHIFT 1-1		UFBJA	ELE	1		F			1	.0	HOEDSPRUIT AFS			AM			
A9HSTG0		USAFE HAST TEAM	ODR	9AZ99	HQ	8		F	C		1	.0	MAPUTO	C048	C049	AM	SC	0000QUCSQ000	F
A9HSTA0		USAFE HAST TEAM	ODR	9AZ99	HQ	8		F	C		1	.0	MAPUTO	C048	C049	AM	SC	0000QULSQ000	F
A9HSTEO		USAFE HAST TEAM	ODR	9AZ99	HQ	8		F	C		1	.0	MAPUTO	C048	C049	AM	SC	0001CCSSQ000	F
A9HSTBO		USAFE HAST TEAM	ODR	9AZ99	HQ	8		F	C		1	.0	MAPUTO	C048	C049	AM	SC	0003AFHAF000	F
A9HSTDO		USAFE HAST TEAM	07R	9AZ99	HQ	8		F	F		1	.0	MAPUTO	C048	C049	AM	SC	0005FDIDT050	F
A9HSTFO		USAFE HAST TEAM	ODR	9AZ99	HQ	8		F	C		1	.0	MAPUTO	C048	C049	AM	SC	0086AEMSQ000	F
A9HSTCO		USAFE HAST TEAM	ODR	9AZ99	HQ	8		F	C		1	.0	MAPUTO	C048	C049	AM	SC	0086CEGSQ000	F
A9HSTHO		USAFE HAST TEAM	ODR	9AZ99	HQ	8		F	C		1	.0	MAPUTO	C048	C049	AM	SC	0086CPRSQ000	F
A1QAA		OSI CNTRINT-INVST AUG C	07R	QFBA8	ELE	8		F	F		1	.0	HOEDSPRUIT AFS	C062	C063	AD	SC	0051FDIDT051	F
A1HSTG0		HQS HEADQUARTERS MISC	ODR	9AZ99	HQ	8		F	4		1	.0	MAPUTO	C062	C063	AM	SC	0000AFECM000	F
A1HSTHO		HQS HEADQUARTERS MISC	ODR	9AZ99	HQ	8		F	4		1	.0	MAPUTO	C062	C063	AM	SC	0000AFECM000	F
A1HSTEO		HQS HEADQUARTERS MISC	ODR	9AZ99	HQ	8		F	4		1	.0	MAPUTO	C062	C063	AM	SC	0000QUCSQ000	F
A1HSTBO		HQS HEADQUARTERS MISC	ODR	9AZ99	HQ	8		F	4		3	.0	MAPUTO	C062	C063	AM	SC	0001CCSSQ000	F
A1HSTDO		HQS HEADQUARTERS MISC	07R	9AZ99	HQ	8		F	F		1	.0	MAPUTO	C062	C063	AM	SC	0005FDIDT050	F
A1QAD		OSI CONTRINT-INVST AUG B	07R	QFBA4	ELE	8		F	F		1	.0	MAPUTO	C062	C063	AD	SC	0005FDIDT050	F
A1QAE		OSI CONTRINT-INVST AUG B	07R	QFBA4	ELE	8		F	F		1	.0	MAPUTO	C062	C063	AD	SC	0005FDIDT050	F
A1QAB		OSI CONTRINT-INVST AUG B	07R	QFBA4	ELE	8		F	F		1	.0	MAPUTO	C062	C063	AD	SC	0051FDIDT051	F
A1HSTCO		HQS HEADQUARTERS MISC	ODR	9AZ99	HQ	8		F	4		1	.0	MAPUTO	C062	C063	AM	SC	0086CPRSQ000	F
A1HSTA0		HQS HEADQUARTERS MISC	ODR	9AZ99	HQ	8		F	4		1	.0	MAPUTO	C062	C063	AM	SC	0786CEGSQ000	F
A1HSTFO		HQS HEADQUARTERS MISC	ODR	9AZ99	HQ	8		F	4		1	.0	MAPUTO	C062	C063	AM	SC	0786SEPSQ000	F
A19AJ		HQS WING STAFF (LEAD)		9AAGB	HQ	8		F			1	2.6	RAMSTEIN AB	C060	C063	AC			
A17AA		MOB AIRFIELD SURVEY TEAM		7E1AP	TM	1		F	4		2	.1	HOEDSPRUIT AFS	C063	C064	AM	SC	0086 CRG	F
A1XABA0		CSG PA SPECIALIST		XFFG2	TM	1		F	C		0	.1	HOEDSPRUIT AFS	C063	C064	AM	SC	0086ALFWG000	F
A1XABB0		CSG PA SPECIALIST	ODR	XFFG2	TM	8		F	C		1	.0	HOEDSPRUIT AFS	C063	C064	AM	SC	0086ALFWG000	F
A1JBA		POL FUELS 7 LVL SUPERVISOR		JFA7S	ELE	0		F	4		1	.0	HOEDSPRUIT AFS	C063	C064	AM	SC	HQ USAFE LG	F
A13BEA0		MOB C2 ELE AME TALCE MGMT FLT		7E1AD	PT	8		F	4		0	.4	HOEDSPRUIT AFS	C063	C065	AK	SC	0000AFECM000	F
A13BBB0		MOB C2 ELE AME TALCE MGMT FLT	ODR	7E1AD	PT	8		F	C		6	.0	HOEDSPRUIT AFS	C063	C065	AK	SC	0000AFECM000	F
A1UAM		AP0 UNIT MOV SUPV MOG-SHIFT 1-1		UFBJA	ELE	1		F	4		1	.0	HOEDSPRUIT AFS	C064	C065	AM	SC	0003 AF	F
A7F6H		TCS AIR TFC/CMBT AIRSP MGT AUG	ODR	7FVLG	ELE	8		F	C		1	.0	HOEDSPRUIT AFS	C064	C065	AM	SC	0024AOPSQ000	F

# ***JFAST***

## **JOINT FLOW & ANALYSIS SYSTEM FOR TRANSPORTATION**

**JET**

**Develops  
the  
TPFDD**

**RQT  
Rapid  
Query Tool,  
Provides  
TPFDL**

**T  
P  
F  
D  
D**

**JFAST**

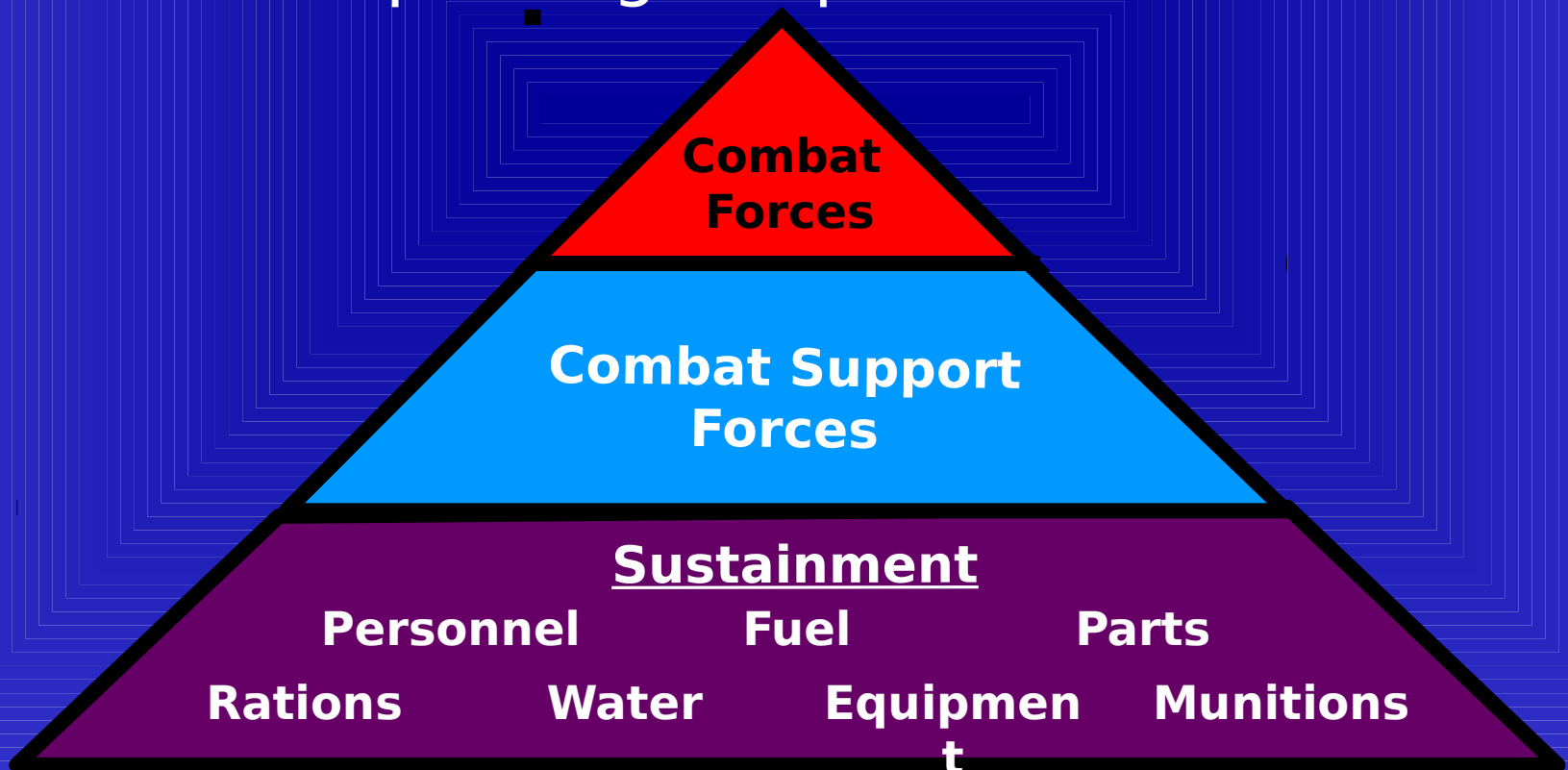
**Transportation  
simulator,  
estimates  
plan  
movement  
within the  
capability of  
the network**



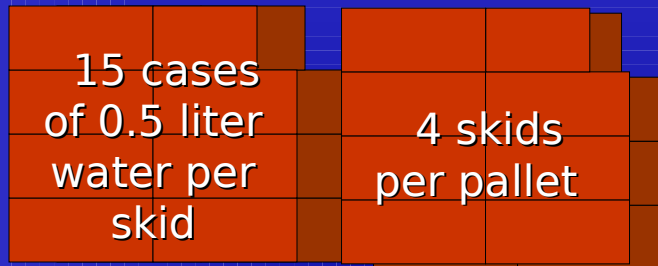


# ***Sustainment Planning***

- Identifies replacements needed to continue prolonged operations



# ***Sustainment***



463L Pallet

24 Bottles per case  
x60 Cases of water per pallet  
1440 Bottles of water per pallet

C-17 can lift 90,000 lbs or 18 pallets  
each pallet weighs 7800 lbs  
11 x H<sub>2</sub>O pallets = 85,800 lbs

How long will 1,440 0.5 liter bottles last 1,500 people?  
One dedicated C-17 will deliver about 3 days supply of water





# ***JFAST***

## **(Joint Flow and Analysis System for Transportation)**

- Determines transportation feasibility of a plan
  - Simulates movement of all TPFDD requirements assigned to common-user lift
  - Considers:
    - Characteristics of movement requirements
    - Characteristics of transportation assets
    - Characteristics of airports and seaports to be used
    - Resupply/sustainment generator
- Simulates:
  - Air movement
  - Sea Movement
- Produces graphs and reports that

# TPFDD Editor

JFAST

Arial 9  
 Roll-Back Total: 0  
 Tpfdd Total: 1477  
 Match Query: 1477  
 Marked Records: 0

Auto Format  
 Field Order  
 Error Help  
 Unmark All  
 Errors  
 Map  
 Mark...  
 Summary

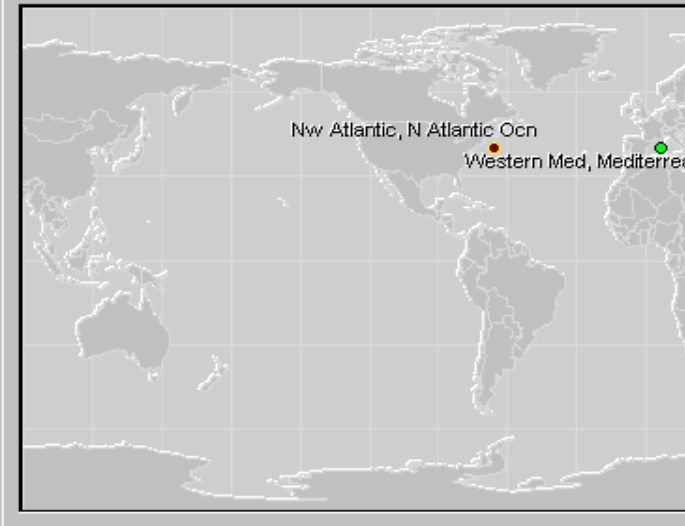
Standard Queries  
 Query  
 Rollback  
 Tools  
 Reports  
 Done  
 Help  
 Tips

(Tpfdd.Qc < 10)

Fic	Pic	Utc	Ulc	Uic	PoI PoS	Amo PoS	Sea PoS	Tot CCs	CCs Rptd	Unit Name
0		5GDEA	USS					0	0	

PID	Slice	QC	RLN	Description	Origin	MS	Poe	MS	Pod	Rld	Ald	Ead	Lad	Pax	Bulk Mt	Over Mt	Out Mt
9990T		0	9CDE	DDG-GUIDED MISSILE DESTROYER	00A1	XX	00A1	SH	00XT	-3	-3	-1	0	0	0	0	0
9990T		0	9CDF	DDG-GUIDED MISSILE DESTROYER	00A1	XX	00A1	SH	00XT	-3	-3	-1	0	0	0	0	0
9990T		0	9CDG	DD-DESTROYER	00A1	XX	00A1	SH	00XT	-3	-3	-1	0	0	0	0	0
9990T		1	9CDHA	FF-FRIGATE	00A1	XX	00A1	SH	00XT	-3	-3	-1	0	0	0	0	0
9990T		0	9CDHB	HELANTISUBRON LT DET(1)SH-2F	00A1	XX	00A1	SC	00XT	-3	-3	-1	0	17	71	0	162
9990T		1	9CDJA	FF-FRIGATE	00A1	XX	00A1	SH	00XT	-3	-3	-1	0	0	0	0	0
9990T		0	9CDJB	HELANTISUBRON LT DET(1)SH-2F	00A1	XX	00A1	SC	00XT	-3	-3	-1	0	17	71	0	162
9990T		0	9CEAA	SSN-SUBMARINE (NUCLEAR)	00A1	XX	00A1	SH	00XT	-3	-2	-1	0	100	0	0	0
9990T		1	9CEAB	NAVSECGRU SUBMARINE DSE	00A1	XX	00A1	SC	00XT	-3	-3	-1	0	9	0	0	0
9990T		0	9CEBA	SSN-SUBMARINE (NUCLEAR)	00A1	XX	00A1	SH	00XT	-3	-2	-1	0	100	0	0	0
9990T		1	9CEBB	NAVSECGRU SUBMARINE DSE	00A1	XX	00A1	SC	00XT	-3	-3	-1	0	9	0	0	0

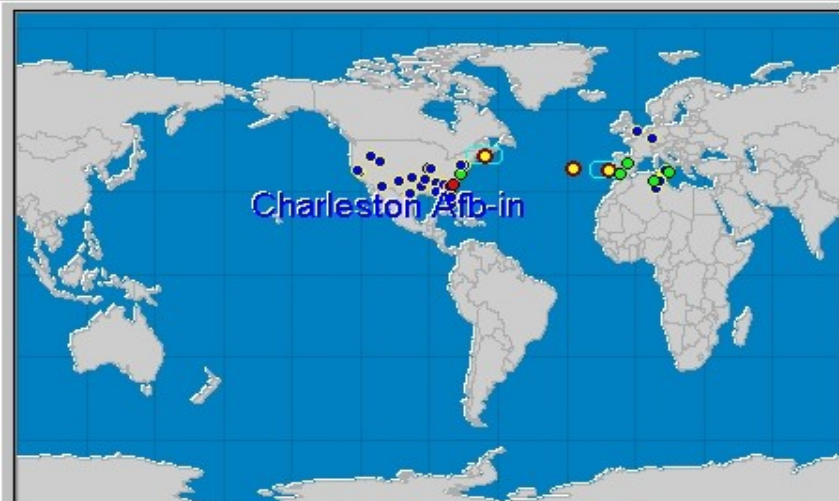
Edit Cargo



Answers the questions:  
 Is OPLAN transportationally  
 feasible?  
 Will force arrive on time?  
 Can support be furnished?  
 Are lift assets sufficient?  
 Allows adjustments to planned

# Airports Editor

JFAST - Airports Editor



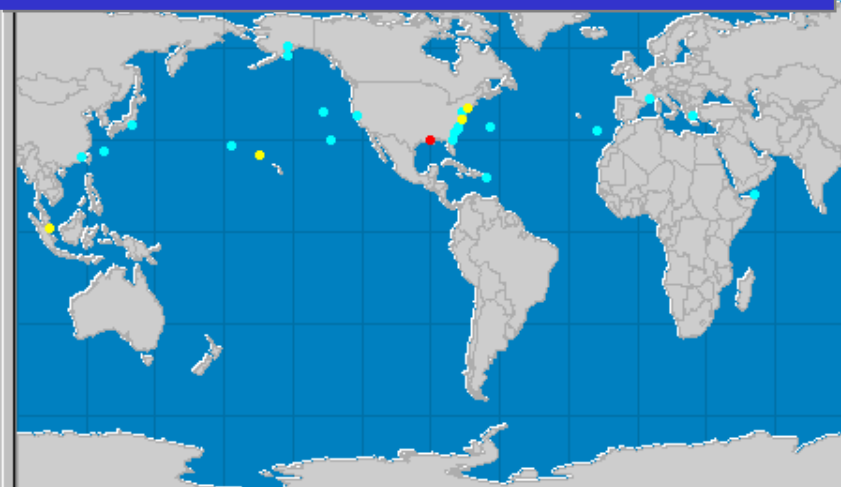
Outbound...			Inbound...			Parking		
To	Cargo Description	Pax	Bulk	Over	Out	ALD	EAD	LAD
Thyna-el Maou	TSS TACP BATTALION (LIG	6	0.0	0.0	0.0	C000002	C000004	C000009
Thyna-el Maou	TSS TACP BATTALION (LIG	0	0.0	5.7	0.0	C000002	C000004	C000009
Gabes	TSS TACP BATTALION (LIG	4	0.0	0.0	0.0	C000002	C000004	C000009
Gabes	TSS TACP BATTALION (LIG	0	0.0	5.7	0.0	C000002	C000004	C000009
Gabes	TSS TACP BATTALION (LIG	4	0.0	0.0	0.0	C000002	C000004	C000009
Gabes	TSS TACP BATTALION (LIG	0	0.0	5.7	0.0	C000002	C000004	C000009
Gabes	TSS TACP BATTALION (LIG	4	0.0	0.0	0.0	C000002	C000004	C000009
Gabes	TSS TACP BATTALION (LIG	0	0.0	5.7	0.0	C000002	C000004	C000009
Thyna-el Maou	INT TEP	15	0.0	0.0	0.0	C000003	C000005	C000010
Thyna-el Maou	INT TEP	0	18.0	0.0	0.0	C000003	C000005	C000010
Thyna-el Maou	INT HUMINT AD CSAA TEAM	16	0.0	0.0	0.0	C000003	C000005	C000010
Thyna-el Maou	APO LOAD EQUIPMENT MO	0	1.0	0.0	0.0	C000002	C000006	C000010
Thyna-el Maou	APO LOAD EQUIPMENT MO	0	0.0	64.6	0.0	C000002	C000006	C000010

All Stations - All Countries 41 Airports Selected Options Save Done Help Tips

General Throughput--start Throughput--by day Permissions--quick disallow Permissions--start Permissions--by day Partial Constraints Info.

GEO	ICAO	Name	Country	Type	Enroute	Lat	Lon	AC/Int	Int	MOG	Ramp	TxiIn	TxiOut	AirLnd	AirDrp	CbtOfd	HALO	LAPES	ERO
AR00	AR00	AR00	A/R Area	DFP	✓	43:07:23N	065:51:17W	1	00:30	0		00:00	00:00						
AR01	AR01	AR01	A/R Area	DFP	✓	38:22:42N	011:33:34W	1	00:30	0		00:00	00:00						
AWUB	KBAD	Barksdale Afb	Louisiana	MAP		32:30:06N	093:39:45W	1	00:05	0	Shared	00:05	00:05	✓					
BRKR	KBHM	Birmingham Intl	Alabama	JAP		33:34:02N	086:44:55W	1	00:05	0	Shared	00:05	00:05	✓					
CZQZ	KCVS	Cannon Afb	New Mexico	MAP		34:23:06N	103:19:26W	1	00:05	0	Shared	00:05	00:05	✓					
DESR	KMER	Castle Afb	California	MAP		37:22:50N	120:34:02W	1	00:05	0	Shared	00:05	00:05	✓					
DKFX	KCHS	Charleston Afb-in	South Carolina	JAP		32:53:57N	080:02:20W	1	00:10	0	Shared	00:05	00:05	✓					
FBNV	KDMA	Davis Monthan Afb	Arizona	MAP		32:09:59N	110:52:57W	1	00:05	0	Shared	00:05	00:05	✓					
FJXT	KDOV	Dover Afb	Delaware	MAP	✓	39:07:36N	075:27:51W	1	00:10	2	Shared	00:05	00:05	✓					
FTEV	KHRT	Hurlburt Fld	Florida	MAP		30:25:38N	086:41:22W	1	00:05	0	Shared	00:05	00:05	✓					
FTZH	DTTR	El Borma	Tunisia	APT		31:43:08N	009:16:10E	1	00:05	1		00:00	00:00	✓					
FUQN	DTTX	Thyna-el Maou	Tunisia	IAP		34:43:04N	010:41:29E	1	00:10	3	Shared	00:05	00:05	✓					
HNTK	DTTG	Gabes	Tunisia	APT		33:52:44N	010:06:11E	1	00:10	3	Shared	00:05	00:05	✓					
JEAH	DTTJ	Jerba-zarzis	Tunisia	IAP		33:52:34N	010:46:45E	1	00:10	1	Shared	00:05	00:05	✓					
KRSM	KHIF	Hill Afb	Utah	MAP		41:07:25N	111:58:20W	1	00:05	0	Shared	00:05	00:05	✓					

# Sea Fleet Editor



Type		Fleet				Type/Fleet	
Type	Total	BB (mt)	Ctnr (mt)	RoRo (sqft)	LoLo (sqft)	POL (cbbls)	PAX
Breakbulk	7	84350	0	0	62384	0	0
RoRo	7	0	0	796400	0	0	0
FloFlo	1	0	0	0	68000	0	0
FSS	8	3600	10365	1482710	209600	0	0
TnkSDraft	1	0	0	0	0	290	0
TnkSml	1	0	0	0	0	553	0
TnkHSize	1	0	0	0	0	2330	0
TnkMed	9	0	0	0	0	23960	0
<b>Totals:</b>		35	87,950	10,365	2,279,110	339,984	27,133
		0					

☒ Start
 ☐ Current
 
☒ N/A
 ☐ Sched
 ☐ Unshed

Load Characteristics			Dimensions			Availability		Event Times		Positions			Fuel
MOB	PID	Name	Type	Fleet	NISC	Current Lat	Current Lon	Starting Lat	Starting Lon	Dest Lat	Dest Lon	Voyages	
**		Cape Cod	Breakbulk	RRF	M22975	36:56:00N	076:17:01W	36:56:00N	076:17:01W	36:56:00N	076:17:01W	0	
**		Cape Decision	RoRo	RRF	M38604	34:44:00N	010:45:59E	32:47:01N	079:55:00W	32:47:01N	079:55:00W	1	
**		Cape Lambert	RoRo	RRF	M38394	33:50:59N	010:07:00E	34:13:59N	077:56:59W	34:13:59N	077:56:59W	1	
**		Cape Lobos	RoRo	RRF	M36817	33:50:59N	010:07:00E	34:13:59N	077:56:59W	34:13:59N	077:56:59W	1	
**		Capella	FSS	MSC	M36983	33:50:59N	010:07:00E	39:15:59N	076:35:00W	39:15:59N	076:35:00W	1	
**		Comet	RoRo	RRF	M04250	36:38:47N	006:20:56W	37:49:01N	122:20:00W	37:49:01N	122:20:00W	1	
**		Courier	TnkMed	VOL	M46116	26:20:59N	127:57:00E	26:20:59N	127:57:00E	26:20:59N	127:57:00E	0	
**		Denebola	FSS	MSC	M38853	34:44:00N	010:45:59E	40:41:00N	074:06:00W	40:41:00N	074:06:00W	1	
**		Green Ridge	Breakbulk	VOL	M52739	34:44:00N	010:45:59E	33:47:00N	078:05:00W	33:47:00N	078:05:00W	1	
**		Green Wave	Breakbulk	MSC	M54850	33:50:59N	010:07:00E	25:16:01N	164:45:00W	37:49:01N	122:24:59W	1	
**		Gus W Darnell	TnkMed	MSC	M64495	39:30:01N	136:52:59W	39:30:01N	136:52:59W	48:51:59N	122:45:00W	0	
**		Lawrence H Gianella	TnkMed	MSC	M01214	43:23:59N	004:59:01E	43:23:59N	004:59:01E	43:23:59N	004:59:01E	0	
**		Margaret B Chouest	Breakbulk	MSC	M12842	33:50:59N	010:07:00E	01:17:00N	103:50:59E	14:09:59N	145:10:01E	2	
**		Mormacsky	TnkMed	VOL	M46094	33:15:59N	017:54:59W	33:15:59N	017:54:59W	40:42:00N	074:00:59W	0	
**		Paul Buck	TnkMed	MSC	M64258	57:46:00N	152:23:00W	57:46:00N	152:23:00W	57:47:00N	152:24:00W	0	

Required X9999  
Delivered  
Late  
Capability

## AIRLIFT

All Cargo

3,000  
2,700  
2,400  
2,100  
1,800  
1,500  
1,200  
900  
600  
300  
0

## TPFDD TRANSPORTATION ANALYSIS

Will the force arrive on time?  
Can support be furnished?  
Are lift assets sufficient?  
Is OPLAN transportationally  
feasible?

C000

C005

C010

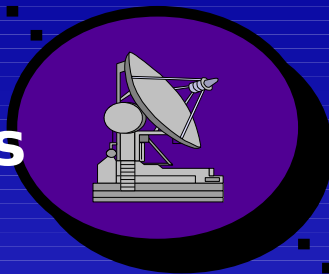
C015

C020

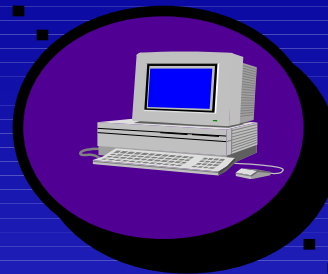
# *Summary*

- Joint Operation Planning
- JOPES Purpose
- JOPES Volumes
- JOPES Automated Systems

**Communications**



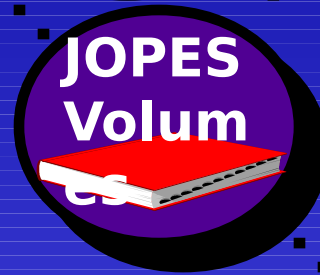
**Data Processing**



**Trained  
Personnel**



**Procedures &  
Directives**



# *Questions*



**HUMOR Y ENTRETENIMIENTO  
EN INTERNET**

**[www.webalia.com](http://www.webalia.com)**